

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,443,139 B2
APPLICATION NO. : 10/519573
DATED : October 28, 2008
INVENTOR(S) : Masahiko Mitsui et al.

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

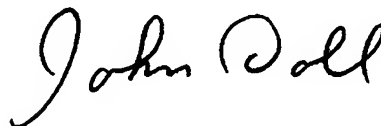
Title page, item [57]

In the Abstract, line 6: Change " $m \leq 10$ " to -- $m < 10$ --.
line 10: Change "estimation" to --estimated--.
line 22: After "corrected" insert --.--.

<u>Column</u>	<u>Line</u>	
21	29	Change "resistance R" to --resistance R_n --.
23	17	Change "-120 A ~ 120 A" to -- -120 A – 120 A--.
23	62	Change "estimated, and" to --estimated; and--.
25	6	After "consideration" delete "of".

Signed and Sealed this

Twenty-third Day of June, 2009



JOHN DOLL
Acting Director of the United States Patent and Trademark Office